

WHAT IS CLAIMED IS:

1. A new and distinct *Tagetes erecta* plant designated 50011.

2. Seed of the plant of claim 1.

3. An ovule of the plant of claim 1.

4. A tissue culture comprising regenerable cells of the plant of claim 1.

5. A cutting of the plant of claim 1.

6. Seed of a *Tagetes erecta* plant designated 50011.

7. A *Tagetes erecta* plant produced by growing the seed of claim 6.

8. A method for producing F<sub>1</sub> hybrid marigold seed, the method comprising the steps of crossing a first parent marigold plant with a second parent marigold plant and harvesting the resultant F<sub>1</sub> hybrid marigold seed, wherein either the first or second parent plant is a female parent plant and is the plant of claim 1.

9. A hybrid or inbred marigold plant produced by growing the hybrid marigold seed of claim 8.

10. A *Tagetes erecta* plant wherein the plant has a lineage which includes *Tagetes erecta* plant 50011 and which exhibits at least one of the following high xanthophyll production, high flower-weight yield, male sterility and fully-double flowers.

11. Viable marigold seeds and plants and succeeding generations thereof grown

from seeds deposited under ATCC Accession number PTA-2100.

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